

# Mathematics 2003, Grade 4

## Mathematics Composite

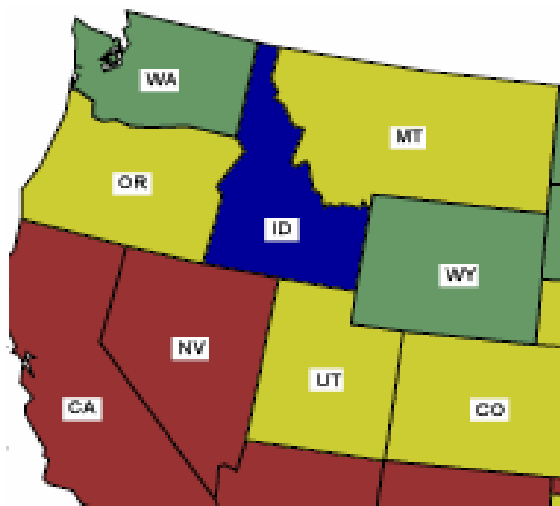


### Idaho NAEP Snapshot

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The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 214 is a *Basic* performance, 249 is *Proficient*, and 282 is *Advanced*.

### Mathematics in the Northwest (Average Scale Score)



Legend: Idaho (blue) is the focal state. States in green scored significantly higher than Idaho. States in yellow were not statistically different from Idaho. States in red scored significantly lower than Idaho.

♦ In 2003, the average mathematics scale score for 4th grade students in Idaho was 235. This was not significantly different from students across the nation (234).

♦ Idaho 4th graders had a higher average scale score on mathematics in 2003 than their peers in Nevada.

♦ Idaho 4th graders had an average scale score on the 2003 mathematics assessment that was not significantly different from Oregon, Utah, and Montana.

♦ Idaho 4th graders had a lower average scale score for mathematics in 2002 than their peers in Washington and Wyoming.

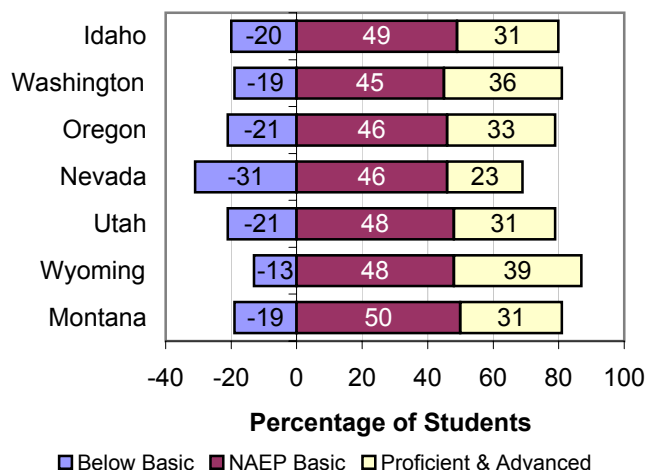
### Percentage of Students at NAEP Mathematics Achievement Levels

♦ 80% of Idaho 4th graders scored at or above *Basic* on the 2003 mathematics assessment. This was higher than the nation's 76%.

♦ Idaho had a higher percentage of 4th graders than Nevada scoring at or above *Basic* on the 2003 mathematics assessment.

♦ The percentage of Idaho 4th graders scoring at or above *Basic* on the 2003 mathematics assessment was not different from 4th graders in the bordering states of Washington, Oregon, Utah, and Montana.

♦ Idaho had a lower percentage of 4th graders than Wyoming scoring at or above *Basic* on the 2003 mathematics assessment.



Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.